

Steffen Durinck

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

11,902
citations

218381

26
h-index

414034

32
g-index

32
all docs

32
docs citations

32
times ranked

27417
citing authors

#	ARTICLE	IF	CITATIONS
1	Mapping identifiers for the integration of genomic datasets with the R/Bioconductor package biomaRt. <i>Nature Protocols</i> , 2009, 4, 1184-1191.	5.5	3,084
2	BioMart and Bioconductor: a powerful link between biological databases and microarray data analysis. <i>Bioinformatics</i> , 2005, 21, 3439-3440.	1.8	1,781
3	Comprehensive genomic analysis identifies SOX2 as a frequently amplified gene in small-cell lung cancer. <i>Nature Genetics</i> , 2012, 44, 1111-1116.	9.4	906
4	Recurrent R-spondin fusions in colon cancer. <i>Nature</i> , 2012, 488, 660-664.	13.7	862
5	Comprehensive genomic analysis of malignant pleural mesothelioma identifies recurrent mutations, gene fusions and splicing alterations. <i>Nature Genetics</i> , 2016, 48, 407-416.	9.4	730
6	The BioMart community portal: an innovative alternative to large, centralized data repositories. <i>Nucleic Acids Research</i> , 2015, 43, W589-W598.	6.5	682
7	A comprehensive transcriptional portrait of human cancer cell lines. <i>Nature Biotechnology</i> , 2015, 33, 306-312.	9.4	556
8	Subtype and pathway specific responses to anticancer compounds in breast cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 2724-2729.	3.3	417
9	Oncogenic ERBB3 Mutations in Human Cancers. <i>Cancer Cell</i> , 2013, 23, 603-617.	7.7	318
10	Spectrum of diverse genomic alterations define non-clear cell renal carcinoma subtypes. <i>Nature Genetics</i> , 2015, 47, 13-21.	9.4	310
11	Versatile Gene-Specific Sequence Tags for Arabidopsis Functional Genomics: Transcript Profiling and Reverse Genetics Applications. <i>Genome Research</i> , 2004, 14, 2176-2189.	2.4	282
12	Modeling precision treatment of breast cancer. <i>Genome Biology</i> , 2013, 14, R110.	13.9	264
13	Temporal Dissection of Tumorigenesis in Primary Cancers. <i>Cancer Discovery</i> , 2011, 1, 137-143.	7.7	240
14	Targeting PTPRK-RSPO3 colon tumours promotes differentiation and loss of stem-cell function. <i>Nature</i> , 2016, 529, 97-100.	13.7	203
15	CRISPR off-target analysis in genetically engineered rats and mice. <i>Nature Methods</i> , 2018, 15, 512-514.	9.0	176
16	Silencing of retrotransposons by SETDB1 inhibits the interferon response in acute myeloid leukemia. <i>Journal of Cell Biology</i> , 2017, 216, 3535-3549.	2.3	144
17	The Indian cobra reference genome and transcriptome enables comprehensive identification of venom toxins. <i>Nature Genetics</i> , 2020, 52, 106-117.	9.4	139
18	An Empirical Approach Leveraging Tumorgrafts to Dissect the Tumor Microenvironment in Renal Cell Carcinoma Identifies Missing Link to Prognostic Inflammatory Factors. <i>Cancer Discovery</i> , 2018, 8, 1142-1155.	7.7	138

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19	Exon-Level Microarray Analyses Identify Alternative Splicing Programs in Breast Cancer. <i>Molecular Cancer Research</i> , 2010, 8, 961-974.	1.5	121
20	Actionable Activating Oncogenic ERBB2/HER2 Transmembrane and Juxtamembrane Domain Mutations. <i>Cancer Cell</i> , 2018, 34, 792-806.e5.	7.7	102
21	Benchmarking the CATMA Microarray. A Novel Tool for Arabidopsis Transcriptome Analysis. <i>Plant Physiology</i> , 2005, 137, 588-601.	2.3	91
22	Integrated exome and transcriptome sequencing reveals ZAK isoform usage in gastric cancer. <i>Nature Communications</i> , 2014, 5, 3830.	5.8	77
23	GenomeGraphs: integrated genomic data visualization with R. <i>BMC Bioinformatics</i> , 2009, 10, 2.	1.2	68
24	Single-cell RNA sequencing identifies distinct mouse medial ganglionic eminence cell types. <i>Scientific Reports</i> , 2017, 7, 45656.	1.6	67
25	Integrated genomic analysis reveals mutated ELF3 as a potential gallbladder cancer vaccine candidate. <i>Nature Communications</i> , 2020, 11, 4225.	5.8	47
26	ERK Mutations and Amplification Confer Resistance to ERK-Inhibitor Therapy. <i>Clinical Cancer Research</i> , 2018, 24, 4044-4055.	3.2	36
27	Determinants of renal cell carcinoma invasion and metastatic competence. <i>Nature Communications</i> , 2021, 12, 5760.	5.8	25
28	Accurate assembly of the olive baboon (<i>Papio anubis</i>) genome using long-read and Hi-C data. <i>GigaScience</i> , 2020, 9, .	3.3	18
29	Importing MAGE-ML format microarray data into BioConductor. <i>Bioinformatics</i> , 2004, 20, 3641-3642.	1.8	8
30	Homozygous KSR1 deletion attenuates morbidity but does not prevent tumor development in a mouse model of RAS-driven pancreatic cancer. <i>PLoS ONE</i> , 2018, 13, e0194998.	1.1	4
31	Embryonic lethality and defective mammary gland development of activatorâ€function impaired conditional knockâ€in <i>ErbB3</i> ^{V943R} mice. <i>Genetics & Genomics Next</i> , 2021, 2, e10036.	0.8	1